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Superfund Migration of Contaminated Ground Water Under Control Worksheet

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Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

Region: 05 Section: _____ Primary RPM: LINDA KERN

Site Name: GENERAL MILLS/HENKEL CORP. EPA ID: MND051441731

GW Survey Status: Contaminated Ground Water Migration Under Control

Justification Date: _____ Justification Type: _____

Estimated Under Control Date: _____

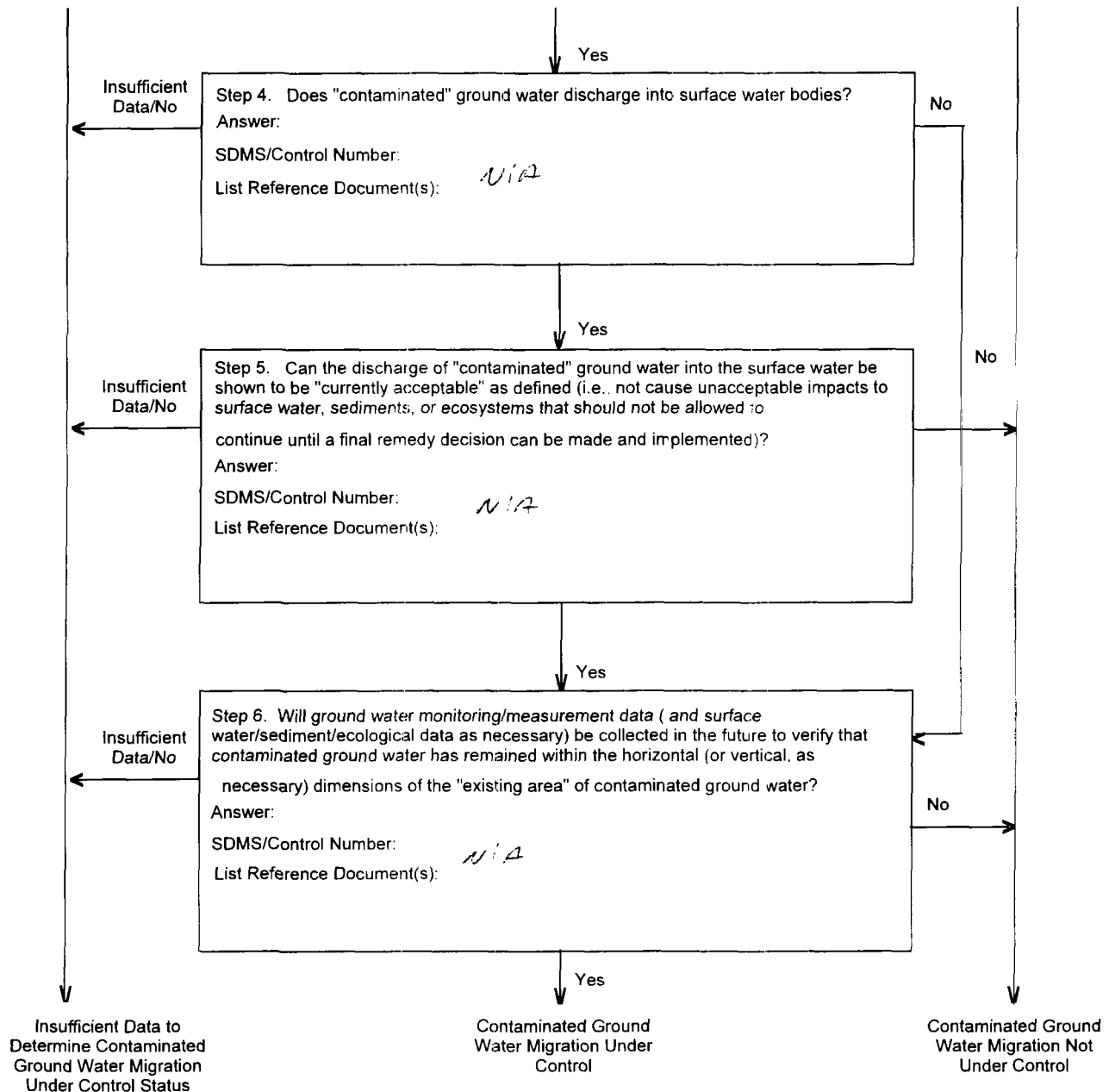
Justification Text: If site status has changed. Please enter a justification as to why the status has changed: _____

EPA Region 5 Records Ctr.



372521

<p>Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?</p> <p>✓ Answer: Yes</p>		No	Stop, you do not need to complete the GM EI
<p>Yes</p>			
Insufficient Data/No	<p>Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?</p> <p>✓ Answer: Yes</p> <p>SDMS/Control Number:</p> <p>List Reference Document(s):</p> <p>3RD 5 YEAR REVIEW SEPT. 2004 (# 222413)</p>		
<p>Yes</p>			
Insufficient Data/No	<p>Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?</p> <p>✓ Answer: No</p> <p>SDMS/Control Number:</p> <p>List Reference Document(s):</p> <p>Five Year Review SEPT 2004 (# 222413)</p>		
<p>No</p>			
<p>Contaminated Ground Water Migration Under Control</p>			
<p>Yes</p>			
Insufficient Data/No	<p>Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?</p> <p>Answer:</p> <p>SDMS/Control Number: N/A</p> <p>List Reference Document(s):</p>		
<p>No</p>			



Approvals (Initial and Date)

RPM	Section Chief	Technical Review	Branch Chief	IMC	Data Entry
<i>1/6/09 MK</i>	<i>MF 1/7/09</i>	<i>2/27/09</i>			<i>3.9 5/20/09</i>

Superfund Environmental Indicators Survey
Long-Term Human Health Protection & Groundwater Migration Under Control

Step 1. Site Information

Region: 5

State: MN

EPA ID: MND051441731

Site Name: General Mills/Henkel Corp

Construction Complete: ☒ Yes ☐ No

Step 2. Long-Term Human Health Protection

Are all identified human exposure pathways from contamination at the site under control or below health-based levels for current land and/or groundwater use conditions? "Under control" means that adequately protective controls are in place to prevent any unacceptable human exposure under current land- and groundwater- use conditions only. This environmental indicator does not consider potential future land- or groundwater- use conditions nor ecological receptors.

☐ Insufficient data to determine HE

☐ Current exposures not controlled

☐ Current exposures not controlled but some human exposures control achieved

☐ Current exposures controlled

☒ Current exposures controlled and protective remedy in place

☒ Long-term human health protection achieved

Step 3. Contaminated Groundwater Migration Under Control

Does the site have contaminated groundwater? (In the universe of 1180 groundwater sites identified as of EOY 2000)

☒ Yes

☐ No (Go to Step 4)

Is the migration of contaminated groundwater from the site being controlled through engineered remedies or natural processes?

☒ Yes

☐ No

☐ Insufficient Data

Step 4. Regional Contact Information

Completed by:

(signature)

Gladys Beard

(print)

Gladys Beard

(title)

State NPL Deletion Process Manager

(phone)

(312) 886-7253

Date

9/15/05

Supervisor:

(signature)

Donald J. Bruce

(print)

Donald J. Bruce

(title)

Chief RRS #6

(phone)

312-886-7241

Date

9/16/05

165 9-27-05

Region: 05
State: MN
EPA ID: MND 051 441 731
Site Name: General Mills

Estimated Control Date: _____

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Step 1. Is enough information available to evaluate the status of human exposure control using this indicator?

List Reference Document(s) and SDMS Number(s): Five-year Review

No → Insufficient Data to Determine Human Exposure Control Status

Yes → Step 2

Step 2. Have all human exposure-related cleanup goals been met for the entire site?

List Reference Document(s) and SDMS Number(s): _____

No → Step 3

Yes → Long-Term Human Health Protection Achieved

Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions?

List Reference Document(s) and SDMS Number(s): _____

No → Skip to Step 6

Yes → Step 4

Step 4. Are the potential human exposures associated with complete pathways within acceptable limits under current conditions?

List Reference Document(s) and SDMS Number(s): _____

No → Current Human Exposures Not Controlled

Yes → Step 5

Step 5. Have any actions been taken since EPA first exercised removal or remedial authority at the site that have significantly reduced the level of previously unacceptable human exposure under current conditions?

List Reference Document(s) and SDMS Number(s): _____

No → Current Human Exposures Not Controlled But Some Exposure Control Achieved

Yes → Step 6

Step 6. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective?

List Reference Document(s) and SDMS Number(s): _____

No → Current Human Exposures Controlled

Yes → Current Human Exposure Controlled and Protective Remedy in Place

Region
State
EPA ID:
Site Name:

5
MN
05144731
Galeval Mills Henkel

Estimated Control Date: _____

Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past? No Stop, you do not need to complete the GM EI

Yes

Insufficient Data/No Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?

List Reference Document(s): _____

Yes

Insufficient Data Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site? No Contaminated Ground Water Migration Under Control

List Reference Document(s): Five-Year Review

Yes

Insufficient Data Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination? No

List Reference Document(s): _____

Yes

Insufficient Data Step 4. Does "contaminated" ground water discharge into surface water bodies? No

List Reference Document(s): _____

Yes

Insufficient Data Step 5. Can the discharge of "contaminated" ground water into surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented)? No

List Reference Document(s): _____

Yes

Insufficient Data Step 6. Will ground water monitoring/measurement data (and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water? No

List Reference Document(s): _____

Yes

Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status Contaminated Ground Water Migration Under Control Contaminated Ground Water Migration Not Under Control

Superfund Environmental Indicators Survey
Human Exposure Under Control & Groundwater Migration Under Control

Step 1. Site Information

Region: 5
State: MN
EPA ID: MND051441731
Site Name: GENERAL MILLS/HENKEL CORP.
Construction Complete: ☒ Yes ☐ No

Step 2. Human Exposure Under Control

Are all identified human exposure pathways from contamination at the site under control or below health-based levels for current land and/or groundwater use conditions? "Under control" means that adequately protective controls are in place to prevent any unacceptable human exposure under current land- and groundwater- use conditions only. This environmental indicator does not consider potential future land- or groundwater- use conditions nor ecological receptors.

☒ Yes ☐ No ☐ Insufficient Data

Step 3. Contaminated Groundwater Migration Under Control

Does the site have contaminated groundwater? (In the universe of groundwater sites identified as of EOY 2000).

☒ Yes ☐ No (Go to Step 4)

Is the migration of contaminated groundwater from the site being controlled through engineered remedies or natural processes?

☒ Yes ☐ No ☐ Insufficient Data

Step 4. Regional Contact Information

Completed by :

(signature)

(print)

(title)

(phone)

Date

Supervisor:

(signature)

(print)

(title)

(phone)

Date

120
4/1/03
G

Gladys Beard
Gladys Beard
Associate Remedial Project Manager
312-886-7253
01/08/01

Jeff Gore (Don Bruce)
JEFF GORE
ACTING SEC CH.
312-886-6552
1/8/01

SD 10/2/03

Superfund Human Exposures Controlled Worksheet

Are all identified human exposure pathways from contamination at the site under control or below health-based levels for current land and/or groundwater use conditions? "Under control" means that adequately protective controls are in place to prevent any unacceptable human exposure under current land- and groundwater- use conditions only. This environmental indicator does not consider potential future land- or groundwater- use conditions nor ecological receptors.

Region:

5

State:

MN

EPA ID:

MND051441731

Site Name:

General Mills

No/ Insufficient data

Step 1. Based on the most current data for the site, has **all** available relevant/significant information on known contaminants to soil, groundwater, surface water/sediments, and air at the NPL site been considered in this EI determination?

List site reference document:

Five-Year Review

Yes

Step 2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "**levels**" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from known **contaminants**?

List site reference document.

Yes

Step 3. Are there **complete pathways** between "**contamination**" and human receptors such that exposures can be reasonably expected under the **current** (land- and groundwater-use) conditions?

List site reference document.

Yes

Step 4. Are the potential exposures from Step 3 within acceptable limits under current (land and groundwater use) conditions (e.g., within the cancer risk range or $HI \leq 1$)?

List site reference document.

No

Yes

INSUFFICIENT DATA,
More information needed
to make determination

NO, Site Does Not Meet Definition

YES, Site Does
Meet Definition

See
4/1/03
EI report

Superfund Groundwater Releases Controlled Worksheet

Definition: Is the migration of contaminated groundwater from the site being controlled through engineered or natural processes?

Region: _____
State: _____
EPA ID: _____
Site Name: _____

No/ Insufficient data

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to the groundwater been considered in this EI determination?
List site reference document: Five-Year Review

Yes

Step 2. Is groundwater known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) anywhere at, or from, the facility?
List site reference document. _____

NO, Site meets definition

Yes

Step 3. Is the migration of contaminated groundwater stabilized (such that contaminated groundwater is expected to remain within "existing area of contaminated groundwater" as defined by the monitoring locations designated at the time of this determination)?
List site reference document. _____

No

Yes

Step 4. Does "contaminated" groundwater discharge into surface water bodies?
List site reference document: Five-Year Review

No

Yes

Step 5. Can the discharge of "contaminated" groundwater into surface water be shown to be "currently acceptable" (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented)?
List site reference document. _____

No

Yes

Step 6. Will groundwater monitoring/measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated groundwater"?
List site reference document. _____

No

Yes

INSUFFICIENT DATA,
More information needed
to make determination

YES, Site Does Meet Definition

NO, Site Does Not
Meet Definition

OKS EI Report

Superfund Environmental Indicators Survey
Human Exposure Under Control & Groundwater Migration Under Control

Step 1. Site Information

Region: 5

State: MN

EPA ID: MND051441731

Site Name: GENERAL MILLS/HENKEL CORP.

Construction Complete: ☒ Yes ☐ No

Step 2. Human Exposure Under Control

Are all identified human exposure pathways from contamination at the site under control or below health-based levels for current land and/or groundwater use conditions? "Under control" means that adequately protective controls are in place to prevent any unacceptable human exposure under current land- and groundwater- use conditions only. This environmental indicator does not consider potential future land- or groundwater- use conditions nor ecological receptors

☒ Yes ☐ No ☐ Insufficient Data

Step 3. Contaminated Groundwater Migration Under Control

Does the site have contaminated groundwater? (In the universe of groundwater sites identified as of EOY 2000).

☒ Yes ☐ No (Go to Step 4)

Is the migration of contaminated groundwater from the site being controlled through engineered remedies or natural processes?

☒ Yes ☐ No ☐ Insufficient Data

Step 4. Regional Contact Information

Completed by :

(signature) Gladys Beard

(print) Gladys Beard

(title) Associate Remedial Project Manager

(phone) 312-886-7253

Date 01/08/01

Supervisor:

(signature) Jeff Gore

(print) JEFF GORE

(title) ACTING SEC. CH.

(phone) 312-886-6552

Date 1/8/01

Superfund Human Exposures Controlled Worksheet

Are all identified human exposure pathways from contamination at the site under control or below health-based levels for current land and/or groundwater use conditions? "Under control" means that adequately protective controls are in place to prevent any unacceptable human exposure under current land- and groundwater- use conditions only. This environmental indicator does not consider potential future land- or groundwater- use conditions nor ecological receptors.

Region: 5

State: MN

EPA ID: MND051441731

Site Name: General Mills

No/ Insufficient data

Step 1. Based on the most current data for the site, has **all** available relevant/significant information on known contaminants to soil, groundwater, surface water/sediments, and air at the NPL site been **considered** in this EI determination?

List site reference document: Five-Year Review

↓ Yes

Step 2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "**levels**" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from known contaminants?

List site reference document. _____

↓ Yes

Step 3. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the **current** (land- and groundwater-use) conditions?

List site reference document. 5

↓ Yes

Step 4. Are the potential exposures from Step 3 within acceptable limits under current (land and groundwater use) conditions (e.g., within the cancer risk range or $HI \leq 1$)?

List site reference document. _____

↓ Yes

YES, Site Does Meet Definition

↓ No

NO, Site Does Not Meet Definition

↓ No/ Insufficient data

INSUFFICIENT DATA, More information needed to make determination

Superfund Groundwater Releases Controlled Worksheet

Definition: Is the migration of contaminated groundwater from the site being controlled through engineered or natural processes?

Region: _____

State: _____

EPA ID: _____

Site Name: _____

No/ Insufficient data

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to the groundwater been considered in this EI determination?

List site reference document: Five-Year Review

Yes

Step 2. Is groundwater known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) anywhere at, or from, the facility?

List site reference document: _____

NO, Site meets definition

Yes

Step 3. Is the migration of contaminated groundwater stabilized (such that contaminated groundwater is expected to remain within "existing area of contaminated groundwater" as defined by the monitoring locations designated at the time of this determination)?

List site reference document: _____

No

Yes

Step 4. Does "contaminated" groundwater discharge into surface water bodies?

List site reference document: Five-Year Review

No

Yes

Step 5. Can the discharge of "contaminated" groundwater into surface water be shown to be "currently acceptable" (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented)?

List site reference document: _____

No

Yes

Step 6. Will groundwater monitoring/measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated groundwater"?

List site reference document: _____

No

Yes

INSUFFICIENT DATA,
More information needed
to make determination

YES, Site Does Meet Definition

NO, Site Does Not Meet Definition